

**CITY OF LODI
INFORMAL INFORMATIONAL MEETING
"SHIRTSLEEVE" SESSION
CARNEGIE FORUM, 305 WEST PINE STREET
TUESDAY, MARCH 13, 2007**

An Informal Informational Meeting ("Shirtsleeve" Session) of the Lodi City Council was held Tuesday, March 13, 2007, commencing at 7:01 a.m.

A. ROLL CALL

Present: Council Members – Katzakian, Mounce, and Mayor Johnson
Absent: Council Members – Hansen and Hitchcock
Also Present: City Manager King, City Attorney Schwabauer, and City Clerk Johl

B. TOPIC(S)

Prior to presentation of the Shirtsleeve topic, Mayor Johnson presented a Certificate of Recognition to Myrna Wetzel for her many years of dedication and service to the Lodi community.

B-1 "Recycled Water Master Plan Update"

City Manager King briefly introduced the subject matter.

City Engineer Wally Sandelin briefly reviewed the Recycled Water Master Plan (RWMP) update and introduced consultant Deana L. Donohue, P.E.

Ms. Donohue provided a PowerPoint presentation (filed) regarding the RWMP Project. General topics of discussion included an introduction of the subject matter, potential recycled water market, RWMP project status, RWMP outcomes, and a question and answer period. Specific topics included what is recycled water, a typical recycled water treatment process, recycled water regulations, where water recycling is happening, recycled water need for the City of Lodi, RWMP project approach, RWMP project components, primary outcomes including conceptual alternatives and recommended project, and additional outcomes including costs and implementation plan.

In response to Mayor Johnson, Ms. Donohue stated Woodbridge Irrigation District (WID) water was factored in.

In response to Mayor Johnson, Ms. Donohue stated the public outreach efforts, including user workshops, are beneficial because they will talk to farmers and vineyard owners about using recycled water voluntarily.

Discussion ensued between Mayor Pro Tempore Mounce, City Engineer Sandelin, and Consultant Dave Richardson regarding the joint plan between Stockton and Lodi, water purchase agreement, the two different studies and their market focus, and recycled water being paid for by new development.

City Attorney Schwabauer stated the agreement between the two cities stated that transfer could not occur at a cost higher than what users are charged.

City Manager King stated they are reviewing costs associated with recycled water, potential services and options determined by the study, and the concept of water swaps.

Public Works Director Prima provided comments regarding the study, stating that it focuses on the future and actual results will not be seen for some time. He also discussed current usage, estimations regarding metering and conservation, the time frame for when recycled water will most likely be needed, WID water usage, scalping plant, the study with Stockton, planning efforts, water contamination with saline and nitrate, potential of selling water to Stockton, urban and agricultural usage, and costs associated with recycled water.

In response to Mayor Pro Tempore Mounce, Mr. Prima stated Stockton is already putting purple pipes in new developments and moving forward with a surface water plan from the Delta. He stated the new facility is located at Lower Sacramento Road and Eight Mile Road.

In response to Mayor Johnson, Mr. Prima stated there is a possibility that Stockton will not participate and Lodi will have to implement the project on its own in the future.

Discussion ensued between Mayor Pro Tempore Mounce, Mayor Johnson, Mr. Prima, and Mr. King regarding the land used for discharge, the affect on the agreement with Stockton, the lack of a mandate for Stockton to purchase the water, the 500-foot buffer, state requirements, the cannery, and the previous sphere of influence study. Mr. Prima stated there is no indication that they are going to be forced to stop discharging.

In response to Mayor Johnson, Mr. Prima stated discharge will continue even if a portion of the land is sold for conservation purposes.

City Manager King provided an overview of the differences in recycled water uses by other cities. He stated Lodi pays for only the pumping and distribution of water, not for the actual commodity. Mr. Prima stated gray water is not a big component of recycled water and its value in comparison with recycled water is lower.

Consultant Dave Richardson provided an overview of gray water and its use by other communities. He also discussed storm water recycling potentials.

In response to Mayor Johnson, Mr. Prima stated the purple pipes might run WID water or additional supply from other sources along the Mokelumne. He stated recycled water is the only new water in the State and what the City does now may qualify it for grants in the future.

In response to Mayor Johnson, Mr. Prima stated there is a good possibility of banking the WID water and they are still working out the details of the agreement.

In response to Council Member Katzakian, Mr. Prima stated the reference to the WID water includes current and future water usage.

In response to Council Member Katzakian, Mr. Prima stated the biggest difference with recycled water is that it has been through a treatment facility and treated with very high standards. Mr. Richardson stated the additional nitrate in recycled water may be beneficial in certain situations and recycled water implementation will require an education process.

PUBLIC COMMENTS:

- Myrna Wetzel inquired about the water runoff. Mr. Prima stated they will be talking about capturing storm water and groundwater recharge and runoff in the General Plan.

C. COMMENTS BY THE PUBLIC ON NON-AGENDA ITEMS

- Mike Swearingen, Senior Regional Planner with the San Joaquin Council of Governments, made an announcement regarding the blue print workshop on Thursday at Hutchins Street Square. He also provided a book, project brochures, and mailers to the City Council. He discussed specific topics including the County's blue print vision for transportation and land use; community workshops for future challenges associated with population growth, housing, jobs, agriculture preservation, and water; the intent to utilize the blue print as a document with tools to support land use decision making processes; and the unified vision for up to year 2050.

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In response to Mayor Johnson, Mr. Swearingen stated the first phase of workshops is interactive; whereby, individuals will discuss the likes and dislikes about the region, future visions for the region, economic growth, encroachment, housing, downtown developments, and agriculture preservation. He stated the information will then be reviewed by the technical and leadership committees to develop various blue print scenarios for potential growth patterns for up to 2050. He stated they are expecting 40 to 50 people for the upcoming workshop.

D. ADJOURNMENT

No action was taken by the City Council. The meeting was adjourned at 7:57 a.m.

ATTEST:

Randi Johl
City Clerk



**CITY OF LODI
COUNCIL COMMUNICATION**

AGENDA TITLE: Recycled Water Master Plan Update
MEETING DATE: March 13, 2007 (Shirtsleeve Session)
PREPARED BY: Public Works Director

RECOMMENDED ACTION: Receive update on the Recycled Water Master Plan.

BACKGROUND INFORMATION: The City's consultant, RMC, will be presenting an update on the Recycled Water Master Plan (RWMP).

The presentation agenda will include:

- Introduction
- Potential Recycled Water Market
- RWMP Status
- RWMP Outcomes

RMC will provide an overview on recycled water and review the prompts for preparing a RWMP now. RMC will then discuss the proposed recycled water service area and potential users, provide a summary of the tasks completed to date and future work to be completed, and present anticipated RWMP outcomes. The presentation will conclude with an opportunity for questions and answers related to the RWMP.

FISCAL IMPACT: Not applicable.

FUNDING AVAILABLE: Not applicable.

A handwritten signature in black ink, appearing to read "Richard C. Prima, Jr.", written over a horizontal line.

Richard C. Prima, Jr.
Public Works Director

Prepared by F. Wally Sandelin, City Engineer/Deputy Public Works Director

RCP/FWS/pmf

APPROVED: A handwritten signature in black ink, appearing to read "Blair King", written over a horizontal line.
Blair King, City Manager



CITY OF LODI

Recycled Water Master Plan Project

Deana L. Donohue, P.E.
Dave Richardson, P.E.



March 13, 2007



Agenda

- ✓ Introduction
- ✓ Potential Recycled Water Market
- ✓ RWMP Project Status
- ✓ RWMP Outcomes
- ✓ Questions



Introduction

What is Recycled Water?

- Highly treated wastewater that is distributed separately from drinking water
- Most commonly used for irrigation



A Typical Recycled Water Treatment Process



Recycled Water is Regulated

Recycled Water Regulations

- California Code of Regulations (Title 22 & Title 17)
- California Water Code
- California Health and Safety Code

Strictly Enforced

- US Environmental Protection Agency
- California Department of Health Services
- Regional Water Quality Control Board






Potential Recycled Water Market

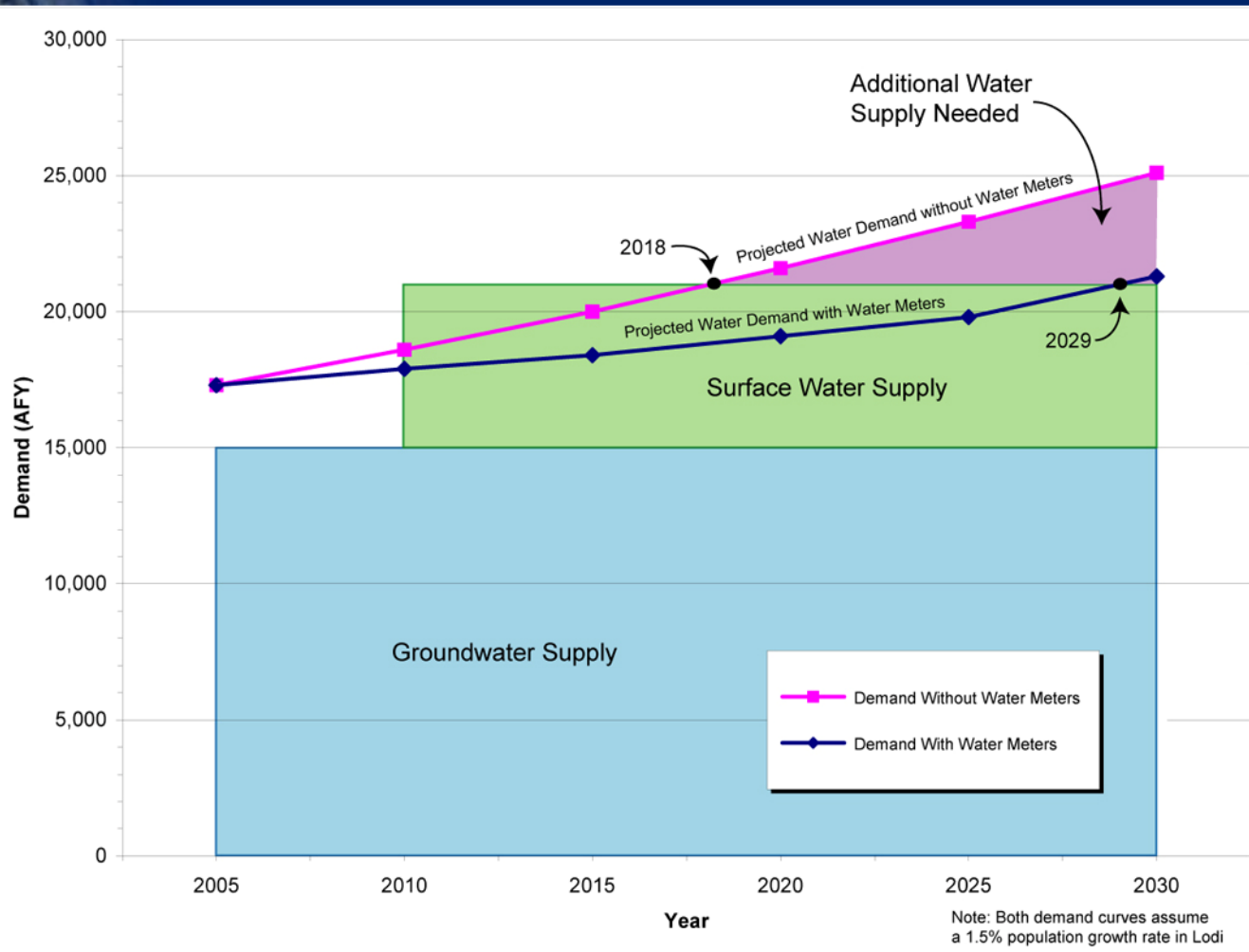
Where Is Water Recycling Happening?

- Roseville
- **EID**
- Palo Alto
- San Jose
- Milpitas
- Santa Clara
- Daly City
- Santa Rosa
- Napa & Marin
- Los Angeles
- San Diego
- Florida, Arizona, Nevada
- Australia, Singapore
- And Many More...

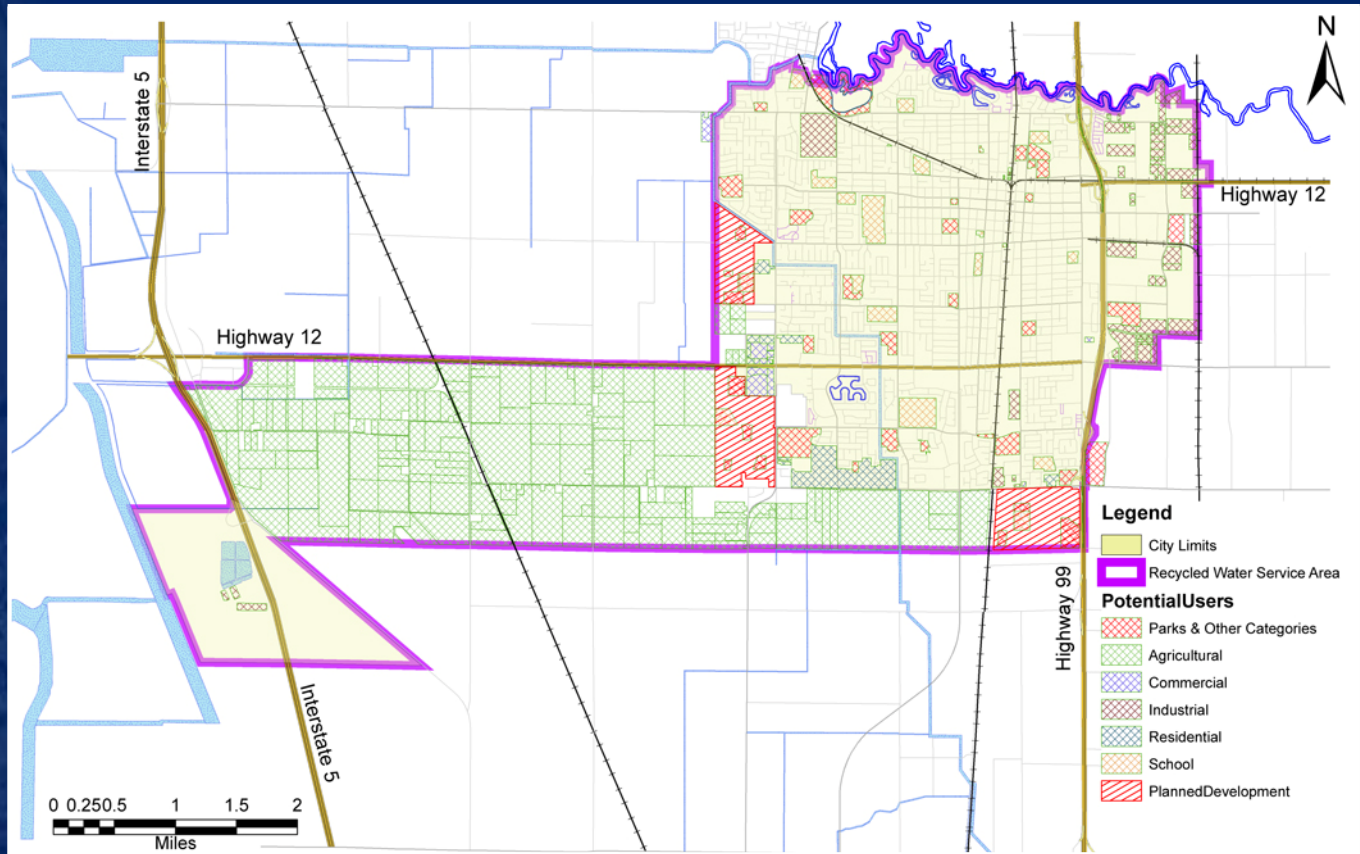


163 Billion Gallons Used in California in 2002
(Enough to cover an area the size of San Francisco in 15 feet of water)

Recycled Water Need for the City of Lodi



Potential Recycled Water Market





RWMP Project Update

RWMP Project Approach

Recycled Water Feasibility Study

- Data Collection
- Market Assessment

Alternatives Analysis

- Develop Conceptual Alternatives
- Evaluate Alternatives

Recycled Water Outreach

- Meetings with Potential Users
- General Public Outreach

Recycled Water Master Plan

- Draft and Workshop
- Final Master Plan





RWMP Project Components

- Key Assumptions TM
- Market Assessment TM
- Conceptual Alternatives TM
- Large Users Workshop
- Conceptual Alternatives Workshop
- Draft RWMP
- Final RWMP



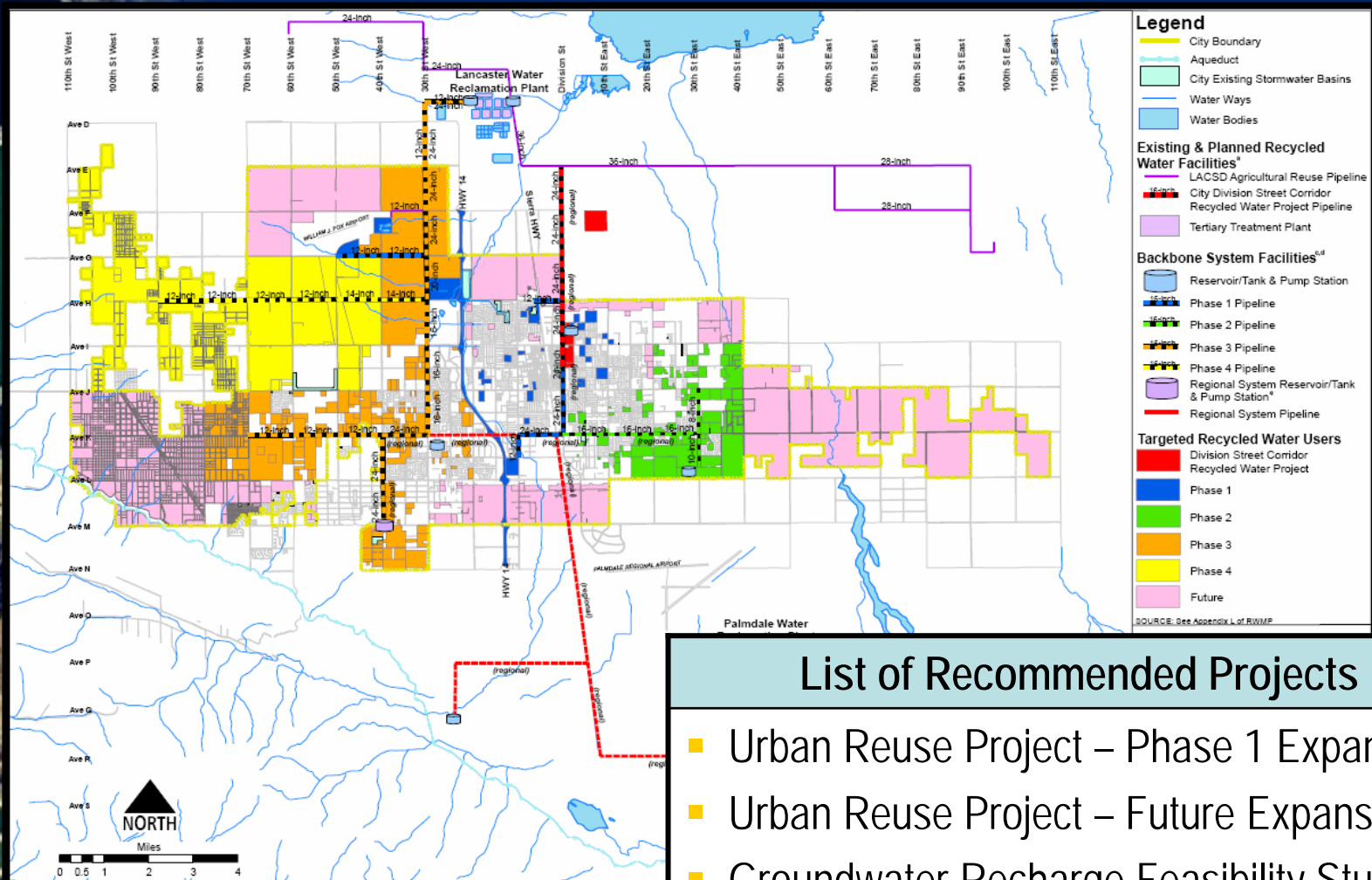
Recycled Water Master Plan Outcomes



Recycled Water Master Plan Outcomes

- Provide an Additional Water Supply
- Beneficially Reuse Available Tertiary Treated Wastewater (Reduce Effluent Discharge)
- Align With State Guidelines Promoting Recycled Water

Primary Outcome: Conceptual Alternatives & Recommended Project



List of Recommended Projects

- Urban Reuse Project – Phase 1 Expansion
- Urban Reuse Project – Future Expansions
- Groundwater Recharge Feasibility Study

Additional Outcomes: Costs and Implementation Plan

<u>Task</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>	<u>2011</u>	<u>2012</u>
Program Management								
Planning Activities								
♦ Master Plan								
♦ Financing Plan and Revenue Program								
♦ Groundwater Recharge Feasibility Study								
Environmental Review								
♦ Programmatic-Level EIR (Lead Agency: Waterworks)								
Urban Reuse Project – Division Street Corridor								
Urban Reuse Project – Phase 1 Expansion								
Urban Reuse Project – Future Expansions								
Operation & Maintenance Activities								



Questions?